

FORM PTO-1449		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO.: JB0800	SERIAL NO.: 09/198,723
INFORMATION DISCLOSURE STATEMENT FOR PATENT <i>(Use several sheets if necessary)</i>				APPLICANT: Malcolm et al.	
				FILING DATE: November 24, 1998	GROUP:

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE IF APPROPRIATE
AA						
AB						
JAC						
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AUG 13 1999 AE						
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AH						
AI						
AJ						
AK						

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
						YES
						NO
RL	AL WO 9636702 A	11/1996	PCT	—	—	
RL	AM WO 9708304 A	3/1997	PCT	—	—	
	AN					
	AO					
	AP					

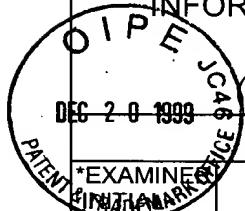
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

RL	AQ	Urbani, A. et al. J.B.C. (1997), v. 272, 14, pp 9204-9209
RL	AR	Steinkuhler C., et al., J. Virology (1996) v. 70, 10, pp 6694-6700
RL	AS	Landro, J. et al., Biochemistry (1997) v. 36, pp 9340-9348
RL	AT	Zhang, R. et al. J. Virology (1997), v. 71, No. 8, pp 6208-6213
	AU	International Search Report May 25, 1999
RL	AV	Kim, J. L. et al., "Crystal Structure of the Hepatitis C Virus NS3 Protease Domain Complexed With A Synthetic NS4A Cofactor Peptide," Cell vol. 87, No. 4, 10/18/96 pp 343-355
RL	AW	Yan, Y. et al. "Complex of NS3 Protease and NS4 Peptide of BK Strain Hepatitis C Virus," Protein Science, vol. 7, No. 4, April 1998, pp 837-847
RL	AX	Bartenschlager, R. et al., "Complex Formation Between The NS3 Serine-Type Proteinase of the Hepatitis C Virus and NS4A And Its Importance For Polyprotein Maturation," Journal of Virology, vol. 69, No. 12, 1 December 1995 pp 7519-7528
RL	AZ	Lin, C. et al., "Hepatitis C Virus NS3 Serine Proteinase: Trans-Cleavage Requirements and Processing Kinetics," Journal of Virology, vol. 68, No. 12, 1 December 1994, pp 8147-8157
RL	BA	Kim, D. W. et al., "C-Terminal Domain of the Hepatitis C Virus NS3 Protein Contains An RNA Helicase Activity," Biochemical and Biophysical Research Communications, vol. 215, No. 1, 4 October 1995 pp 160-166
RL	BB	Taremi, S. S. et al. "Construction, expression, and characterization of a novel fully activated recombinant single-chain hepatitis C virus protease," Protein Science, (1998 Oct) 7 (10) 2143-9, Journal Code: BNW, ISSN: 0961-8368
RL	BC	Dimasi, N. et al., "Engineering, characterization and phage display of hepatitis C virus NS3 protease and NS4A cofactor peptide as a single-chain protein," Protein Engineering, (1998 Dec) 11 (12) 1257-65. Journal Code: PR1, ISSN: 0269-2139

EXAMINER	DATE CONSIDERED
<i>Robert Temo</i>	<i>6/13/2000</i>

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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RJ	AQ Wilkinson et al., 1997, Biochemical Society Transactions, 25:S624
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